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(FILE 'HOME' ENTERED AT 14:03:48 ON 25 JAN 2003)

FILE 'HCAPLUS' ENTERED AT 14:04:20 ON 25 JAN 2003

FILE 'REGISTRY' ENTERED AT 14:04:25 ON 25 JAN 2003

L1 1 SEA ABB=ON PLU=ON 9001-40-5/RN

FILE 'CAOLD, CAPLUS, CASREACT, CROPU, DGENE, DPCI, ENCOMPPAT, ENCOMPPAT2, EUROPATFULL, IFIPAT, INPADOC, JAPIO, PAPERCHEM2, PATDD, PATDPA, PATOSDE, PATOSEP, PATOSWO, PCTFULL, PIRA, RAPRA, SYNTHLINE, TULSA, TULSA2, USPATFULL, USPAT2, WPIDS' ENTERED AT 14:04:37 ON 25 JAN 2003

FILE 'REGISTRY' ENTERED AT 14:04:48 ON 25 JAN 2003

SET SMARTSELECT ON

L2 SEL PLU=ON L1 1- CHEM : 13 TERMS

SET SMARTSELECT OFF

FILE 'CAOLD, CAPLUS, CASREACT, CROPU, DGENE, DPCI, ENCOMPPAT, ENCOMPPAT2, EUROPATFULL, IFIPAT, INPADOC, JAPIO, PAPERCHEM2, PATDD, PATDPA, PATOSDE, PATOSEP, PATOSWO, PCTFULL, PIRA, RAPRA, SYNTHLINE, TULSA, TULSA2, USPATFULL, USPAT2, WPIDS' ENTERED AT 14:04:49 ON 25 JAN 2003

L3 23747 SEA ABB=ON PLU=ON L2

L4 130 SEA ABB=ON PLU=ON L3 AND (C REACTIVE PROTEIN)

L5 117 SEA ABB=ON PLU=ON L4 AND (HYBRID? OR ATTACH? OR CONJUGAT? OR COVALENT? OR FUS? OR CHIMER?)

L6 113 DUP REM L5 (4 DUPLICATES REMOVED)

L7 63 SEA ABB=ON PLU=ON L6 AND AMINO ACID AND SEQUENCE

L8 56 SEA ABB=ON PLU=ON L7 AND MODULAT?

L9 12 SEA ABB=ON PLU=ON L8 AND PY<2001

D IBIB AB 1-12

=> d ibib ab 1-12

L9 ANSWER 1 OF 12 EUROPATFULL COPYRIGHT 2003 WILA

GRANTED PATENT - ERTEILTES PATENT - BREVET DELIVRE

ACCESSION NUMBER: 567575 EUROPATFULL EW 199941 FS PS
TITLE: CYTOKINE-INDUCED PROTEIN, TSG-6, DNA CODING THEREFOR AND
USES THEREOF.
CYTOKIN-INDUZIERTES PROTEIN, TSG-6, SEINE DNA UND
VERWENDUNG.
POTEINE INDUITE PAR LA CYTOKINE, ADN TSG-6 CODANT POUR
CETTE PROTEINE ET SES UTILISATIONS.
INVENTOR(S): LEE, Tae, Ho, 206 Pleasant View Drive, Piscatawa, NJ
08855, US;
WISNIEWSKI, Hans-Georg, 55 Omni Parc Drive, Spring
Valley, NY 10977, US;
VILCEK, Jan, 180 E. 79th Street, New York, NY 10021, US
PATENT ASSIGNEE(S): NEW YORK UNIVERSITY, 550 First Avenue, Room MSB 153, New
York, NY 10016, US
PATENT ASSIGNEE NO: 300275
AGENT: Rinuy, Santarelli, 14, avenue de la Grande Armee, 75017
Paris, FR
AGENT NUMBER: 100891
OTHER SOURCE: EPB1999058 EP 0567575 B1 991013
SOURCE: Wila-EPS-1999-H41-T1
DOCUMENT TYPE: Patent
LANGUAGE: Anmeldung in Englisch; Veroeffentlichung in Englisch
DESIGNATED STATES: R AT; R BE; R CH; R DE; R DK; R ES; R FR; R GB; R IT; R
LI; R LU; R NL; R SE
PATENT INFO.PUB.TYPE: EPB1 EUROPAEISCHE PATENTSCHRIFT (Internationale
Anmeldung)

PATENT INFORMATION:

PATENT NO	KIND DATE
EP 567575	B1 19991013
	19931103
EP 1992-904669	19920114
US 1991-642312	19910114
WO 92-US333	920114 INTAKZ
WO 9212175	920723 INTPNR

'OFFENLEGUNGS' DATE: 19931103
APPLICATION INFO.: EP 1992-904669 19920114
PRIORITY APPLN. INFO.: US 1991-642312 19910114
RELATED DOC. INFO.: WO 92-US333 920114 INTAKZ
WO 9212175 920723 INTPNR
REFERENCE PAT. INFO.: US 4581333 A
REF. NON-PATENT-LIT.: EMBL Database entry HSTSG6A, Accession number M31165; 28
November 1990; Lee T.H. et al.: 'A novel secretory tumor
necrosis factor-inducible protein (TSG-6)...' MOLECULAR
AND CELLULAR BIOLOGY, vol.10, no.5, May 1990 pages 1982
- 1988 T.H.LEE ET AL. 'Isolation and Characterization of
Eight Tumor Necrosis Factor- Induced Gene Sequences From
Human Fibroblasts' Proc. Natl. Acad. Sci., Vol. 86,
issued April 1989, LOWENTHAL et al., "Tumor Necrosis
Factor alpha Induces Proteins that Bind Specifically to
the
KB-Like Enhancer Elements and Regulate Interleukin 2
Receptor alpha-Chain Gene Expression in Primary Human T
Lymphocytes", pages 2331-2335, see pages 2333-2334. The
Journal Biological Chemistry, Vol. 261, No. 21, issued
25 July 1986, KIRSTEIN et al., "Tumor Necrosis Factor
Induces Synthesis of Two Proteins in Human Fibroblasts",
pages 9565-9567, see pages 9565-66. The Journal
Interferon Research, Vol. 9, supplemental 2, issued
October 1989, LEE et al., "Eight TNF-Inducible cDNA
Clones From Human FS-4 Fibroblasts: Regulation By
Interferons, Cytokines and Growth Factors", Abstract
only, see pages 145. Clinical Chemistry, Vol. 27, No.
11, issued 1981, SEVIER et al., "Monoclonal Antibodies
in Clinical Immunology", pages 1797-1806, see all

L9 ANSWER 2 OF 12 PCTFULL COPYRIGHT 2003 Univentio
ACCESSION NUMBER: 1999045907 PCTFULL ED 20020515

TITLE (ENGLISH): AGENTS FOR USE IN THE TREATMENT OF ALZHEIMER'S DISEASE
TITLE (FRENCH): AGENTS UTILISES POUR TRAITER LA MALADIE D'ALZHEIMER
INVENTOR(S): BUSH, Ashley, L.; HUANG, Xudong; ATWOOD, Craig, S.;
TANZI, Rudolph, E.
PATENT ASSIGNEE(S): THE GENERAL HOSPITAL CORPORATION
LANGUAGE OF PUBL.: English
DOCUMENT TYPE: Patent
PATENT INFORMATION:

NUMBER KIND DATE

WO 9945907 A2 19990916

DESIGNATED STATES AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK
EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL
PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU
ZW GH GM KE LS MW SD SL SZ UG ZW AM AZ BY KG KZ MD RU
TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL
PT SE BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

APPLICATION INFO.: WO 1999-US5291 A 19990311

PRIORITY INFO.: US 1998-09/038,154 19980311

ABEN The invention relates to the identification of pharmacological agents to
be used in the
treatment of Alzheimer's disease and related pathological conditions and
compositions for treatment
of conditions caused by amyloidosis, A β -mediated formation of ROS,
or both, such as Alzheimer's
disease, are disclosed.

ABFR L'invention concerne l'identification d'agents pharmacologiques destines
a etre utilises pour
traiter la maladie d'Alzheimer ainsi que les troubles pathologiques lies
a celle-ci. L'invention
concerne egalement des compositions permettant de traiter les
dysfonctionnements provoques par
l'amylose, par la formation de ROS a mediation A β ;, ou par les deux,
par exemple la maladie
d'Alzheimer.

L9 ANSWER 3 OF 12 PCTFULL COPYRIGHT 2003 Univentio

ACCESSION NUMBER: 1994014980 PCTFULL ED 20020513

TITLE (ENGLISH): SEQUENCE-DIRECTED DNA-BINDING MOLECULES
COMPOSITIONS AND METHODS

TITLE (FRENCH): MOLECULES, COMPOSITIONS ET PROCEDES DE LIAISON D'ADN
SPECIFIQUES A DES SEQUENCES

INVENTOR(S): EDWARDS, Cynthia, A.; CANTOR, Charles, R.; ANDREWS,
Beth, M.; TURIN, Lisa, M.; FRY, Kirk, E.

PATENT ASSIGNEE(S): GENELABS TECHNOLOGIES, INC.

LANGUAGE OF PUBL.: English

DOCUMENT TYPE: Patent

PATENT INFORMATION:

NUMBER KIND DATE

WO 9414980 A1 19940707

DESIGNATED STATES AT AU BB BG BR BY CA CH CZ DE DK ES FI GB HU JP KP KR
KZ LK LU LV MG MN MW NL NO NZ PL PT RO RU SD SE SK UA
UZ VN AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE
BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

APPLICATION INFO.: WO 1993-US12388 A 19931220

PRIORITY INFO.: US 1992-996,783 19921223

US 1993-123,936 19930917

ABEN The present invention defines a DNA protein-binding assay useful for
screening libraries of
synthetic or biological compounds for their ability to bind DNA test
sequences. The assay is
versatile in that any number of test sequences can be tested
by placing the test sequence adjacent
to a defined protein-binding screening sequence. Binding of
molecules to these test sequence changes
the binding characteristics of the protein molecule to its cognate
binding sequence. When such a

molecule binds the test **sequence** the equilibrium of the DNA:protein complexes is disturbed, generating changes in the concentration of free DNA probe. Numerous exemplary target test **sequences** (SEQ ID NO:1 to SEQ ID NO:600) are set forth. The assay of the present invention is also useful to characterize the preferred binding **sequences** of any selected DNA-binding molecule.

ABFR L'invention concerne un titrage par liaison specifique proteine/ADN utile pour le criblage de banques de composes synthetiques ou biologiques afin de determiner leur capacite a se lier a des **sequences** d'ADN d'essai. Le titrage est polyvalent, c'est-a-dire que n'importe quelle **sequence** d'essai peut etre testee par positionnement de celle-ci a proximite d'une **sequence** de criblage par liaison d'une proteine definie. La liaison de molecules a ces **sequences** d'essai change les caracteristiques de liaison de la molecule proteique a sa **sequence** de liaison connexe. Lorsque ce type de molecule se lie a la **sequence** d'essai, l'equilibre des complexes ADN/proteine est perturbe, ce qui entraine des changements de concentration de la sonde d'ADN libre. De nombreuses **sequences** d'essai cibles (NO ID SEQ:1 a NO ID SEQ:600) sont egalement presentees. Le titrage selon l'invention est egalement utile pour caracteriser les **sequences** de liaison preferees de toute molecule de liaison d'ADN selectionnee.

L9 ANSWER 4 OF 12 USPATFULL

ACCESSION NUMBER: 2000:9723 USPATFULL

TITLE: Unique nucleotide and **amino acid sequence** and uses thereof

INVENTOR(S): Summers, Max D., Bryan, TX, United States
Braunagel, Sharon C., Bryan, TX, United States
Hong, Tao, Bryan, TX, United States

PATENT ASSIGNEE(S): The Texas A & M University System, College Station, TX, United States (U.S. corporation)

	NUMBER	KIND	DATE	
PATENT INFORMATION:	US 6017734		20000125	<--
APPLICATION INFO.:	US 1997-792832		19970130	(8)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1996-678435, filed on 3 Jul 1996, now abandoned			

	NUMBER	DATE
PRIORITY INFORMATION:	US 1995-955P	19950707 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Elliott, George C.	
ASSISTANT EXAMINER:	Schwartzman, Robert	
LEGAL REPRESENTATIVE:	Arnold, White & Durkee	
NUMBER OF CLAIMS:	56	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	47 Drawing Figure(s); 24 Drawing Page(s)	
LINE COUNT:	7846	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Provided are hydrophobic targeting **sequences**, which may serve to target heterologous proteins to a variety of cellular membranes. In particular, the structural components of the nuclear envelope, or those components which become nucleus-associated, may be targeted with the **sequences** provided. Also provided are methods of targeting heterologous proteins to particular membranes, and the use of these targeted proteins in therapeutic, diagnostic and insecticidal applications.

L9 ANSWER 5 OF 12 USPATFULL

ACCESSION NUMBER: 1999:75310 USPATFULL
TITLE: Methods of treating TNF.alpha.-mediated disease using
chimeric anti-TNF antibodies
INVENTOR(S): Le, Junming, Jackson Heights, NY, United States
Vilcek, Jan, New York, NY, United States
Dadonna, Peter, Palo Alto, CA, United States
Ghrayeb, John, Thorndale, PA, United States
Knight, David, Berwyn, PA, United States
Seigal, Scott, Westborough, MA, United States
PATENT ASSIGNEE(S): New York University, New York, NY, United States (U.S.
corporation)
Centocor, Inc., Malvern, PA, United States (U.S.
corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5919452		19990706 <--
APPLICATION INFO.:	US 1994-192861		19940204 (8)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1993-10406, filed on 29 Jan 1993, now abandoned And Ser. No. US 1993-13413, filed on 2 Feb 1993, now abandoned which is a continuation-in-part of Ser. No. US 1992-943852, filed on 11 Sep 1992, now abandoned which is a continuation-in-part of Ser. No. US 1992-853606, filed on 18 Mar 1992, now abandoned which is a continuation-in-part of Ser. No. US 1991-670827, filed on 18 Mar 1991, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Scheiner, Toni R.		
ASSISTANT EXAMINER:	Johnson, Nancy A.		
LEGAL REPRESENTATIVE:	Hamilton, Brook, Smith & Reynolds, P.C.		
NUMBER OF CLAIMS:	13		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	48 Drawing Figure(s); 36 Drawing Page(s)		
LINE COUNT:	5351		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Treatment of tumor necrosis factor, TNF, mediated pathologies is
provided by administering anti-TNF compounds, such as anti-TNF
antibodies and anti-TNF peptides, which compounds are specific for tumor
necrosis factor-.alpha. (TNF.alpha.) or tumor necrosis factor-.beta.
(TNF.beta.) and which are useful for in vivo therapy or diagnosis of
TNF.alpha.-mediated pathologies and conditions, wherein the anti-TNF
compound is selected from the group consisting of at least one of an
immunoglobulin variable region, a fragment of a TNF receptor and an
anti-TNF peptide, such as a structural analog of a anti-TNF antibody
fragment or a TNF receptor fragment.

L9 ANSWER 6 OF 12 USPATFULL

ACCESSION NUMBER: 1999:18912 USPATFULL
TITLE: Method of determining DNA **sequence** preference
of a DNA-binding molecule
INVENTOR(S): Edwards, Cynthia A., Menlo Park, CA, United States
Cantor, Charles R., Boston, MA, United States
Andrews, Beth M., Maynard, MA, United States
Turin, Lisa M., Redwood City, CA, United States
Fry, Kirk E., Palo Alto, CA, United States
PATENT ASSIGNEE(S): Genelabs Technologies, Inc., Redwood City, CA, United
States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5869241		19990209 <--
APPLICATION INFO.:	US 1995-475228		19950607 (8)
RELATED APPLN. INFO.:	Division of Ser. No. US 1993-171389, filed on 20 Dec 1993, now patented, Pat. No. US 5578444 which is a continuation-in-part of Ser. No. US 1993-123936, filed on 17 Sep 1993, now patented, Pat. No. US 5726014 which		

is a continuation-in-part of Ser. No. US 1992-996783,
filed on 23 Dec 1992, now patented, Pat. No. US 5693463
which is a continuation-in-part of Ser. No. US
1991-723618, filed on 27 Jun 1991, now abandoned

DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Zitomer, Stephanie W.
ASSISTANT EXAMINER: Whisenant, Ethan
LEGAL REPRESENTATIVE: Fabian, Gary R., Stratford, Carol A., Dehlinger, Peter
J.
NUMBER OF CLAIMS: 11
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 72 Drawing Figure(s); 47 Drawing Page(s)
LINE COUNT: 9840

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention defines a DNA:protein-binding assay useful for
screening libraries of synthetic or biological compounds for their
ability to bind DNA test **sequences**. The assay is versatile in
that any number of test **sequences** can be tested by placing the
test **sequence** adjacent to a defined protein binding screening
sequence. Binding of molecules to these test **sequence**
changes the binding characteristics of the protein molecule to its
cognate binding **sequence**. When such a molecule binds the test
sequence the equilibrium of the DNA:protein complexes is
disturbed, generating changes in the concentration of free DNA probe.
Numerous exemplary target test **sequences** (SEQ ID NO:1 to SEQ
ID NO:600) are set forth. The assay of the present invention is also
useful to characterize the preferred binding **sequences** of any
selected DNA-binding molecule.

L9 ANSWER 7 OF 12 USPATFULL

ACCESSION NUMBER: 1998:154080 USPATFULL
TITLE: DNA encoding tumor necrosis factor stimulated gene 6
(TSG-6)
INVENTOR(S): Lee, Tae Ho, Daejeon, Korea, Republic of
Wisniewski, Hans-Georg, New York, NY, United States
Vilcek, Jan, New York, NY, United States
PATENT ASSIGNEE(S): New York University, New York, NY, United States (U.S.
corporation)

	NUMBER	KIND	DATE	
PATENT INFORMATION:	US 5846763		19981208	<--
APPLICATION INFO.:	US 1994-242097		19940513	(8)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1993-24868, filed on 1 Mar 1993, now patented, Pat. No. US 5386013 which is a continuation of Ser. No. US 1991-642312, filed on 14 Jan 1991, now abandoned			

DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Draper, Garnette D.
ASSISTANT EXAMINER: Kemmerer, Elizabeth C.
LEGAL REPRESENTATIVE: Browdy and Neimark
NUMBER OF CLAIMS: 14
EXEMPLARY CLAIM: 2
NUMBER OF DRAWINGS: 48 Drawing Figure(s); 28 Drawing Page(s)
LINE COUNT: 3807

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB TSG-6 protein and functional derivatives thereof, DNA coding therefor,
expression vehicles, such as a plasmids, and host cells transformed or
transfected with the DNA molecule, and methods for producing the protein
and the DNA are provided, as well as antibodies specific for the TSG-6
protein; a method for detecting the presence of TSG-6 protein in a
biological sample; a method for detecting the presence of nucleic acid
encoding a normal or mutant TSG-6 protein; a method for measuring
induction of expression of TSG-6 in a cell using either nucleic acid
hybridization or immunoassay; a method for identifying a
compound capable of inducing the expression of TSG-6 in a cell; and a
method for measuring the ability of a cell to respond to TNF.

L9 ANSWER 8 OF 12 USPATFULL

ACCESSION NUMBER: 97:117693 USPATFULL
TITLE: Methods of treating rheumatoid arthritis using
chimeric anti-TNF antibodies
INVENTOR(S): Le, Junming, Jackson Heights, NY, United States
Vilcek, Jan, New York, NY, United States
Daddona, Peter, Menlo Park, CA, United States
Ghrayeb, John, Thorndale, PA, United States
Knight, David, Berwyn, PA, United States
Siegel, Scott, Westborough, MA, United States
PATENT ASSIGNEE(S): New York University Medical Center, New York, NY,
United States (U.S. corporation)
Centocor, Inc., Malvern, PA, United States (U.S.
corporation)

	NUMBER	KIND	DATE	
PATENT INFORMATION:	US 5698195		19971216	<--
APPLICATION INFO.:	US 1994-324799		19941018	(8)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1994-192102, filed on 4 Feb 1994 Ser. No. Ser. No. US 1994-192061, filed on 4 Feb 1994, now abandoned And Ser. No. US 1994-192093, filed on 4 Feb 1994, now abandoned , each Ser. No. US - which is a continuation-in-part of Ser. No. US 1993-10406, filed on 29 Jan 1993, now abandoned And Ser. No. US 1993-13413, filed on 2 Feb 1993, now abandoned which is a continuation-in-part of Ser. No. US 1992-943852, filed on 11 Sep 1992, now abandoned which is a continuation-in-part of Ser. No. US 1992-853606, filed on 18 Mar 1992, now abandoned which is a continuation-in-part of Ser. No. US 1991-670827, filed on 18 Mar 1991, now abandoned			
DOCUMENT TYPE:	Utility			
FILE SEGMENT:	Granted			
PRIMARY EXAMINER:	Feisee, Lila			
ASSISTANT EXAMINER:	Lucas, John			
LEGAL REPRESENTATIVE:	Hamilton, Brook, Smith & Reynolds, P.C.			
NUMBER OF CLAIMS:	16			
EXEMPLARY CLAIM:	1			
NUMBER OF DRAWINGS:	33 Drawing Figure(s); 36 Drawing Page(s)			
LINE COUNT:	5887			

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Anti-TNF antibodies, fragments and regions thereof which are specific
for human tumor necrosis factor-.alpha. (TNF.alpha.) and are useful in
vivo for diagnosis and therapy of a number of TNF.alpha.-mediated
pathologies and conditions, including rheumatoid arthritis as well as
polynucleotides coding for murine and **chimeric** antibodies,
methods of producing the antibody, methods of use of the anti-TNF
antibody, or fragment, region or derivative thereof, in immunoassays and
immunotherapeutic approaches are provided.

L9 ANSWER 9 OF 12 USPATFULL

ACCESSION NUMBER: 97:70718 USPATFULL
TITLE: Methods of treating TNF-.alpha.-mediated Crohn's
disease using **chimeric** anti-TNF antibodies
INVENTOR(S): Le, Junming, Jackson Heights, NY, United States
Vilcek, Jan, New York, NY, United States
Dadonna, Peter, Palo Alto, CA, United States
Ghrayeb, John, Thorndale, PA, United States
Knight, David, Berwyn, PA, United States
Siegel, Scott A., Westborough, MA, United States
PATENT ASSIGNEE(S): New York University Medical Center, New York, NY,
United States (U.S. corporation)
Centocor, Inc., Malvern, PA, United States (U.S.
corporation)

NUMBER	KIND	DATE

PATENT INFORMATION: US 5656272 19970812 <--
APPLICATION INFO.: US 1994-192102 19940204 (8)
RELATED APPLN. INFO.: Continuation-in-part of Ser. No. US 1993-10406, filed
on 26 Jan 1993, now abandoned And Ser. No. US
1993-13413, filed on 2 Feb 1993, now abandoned which is
a continuation-in-part of Ser. No. US 1992-943852,
filed on 11 Sep 1992, now abandoned which is a
continuation-in-part of Ser. No. US 1992-853606, filed
on 18 Mar 1992, now abandoned which is a
continuation-in-part of Ser. No. US 1991-670827, filed
on 18 Mar 1991, now abandoned

DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Feisee, Lila
ASSISTANT EXAMINER: Lucas, John
LEGAL REPRESENTATIVE: Hamilton, Brook, Smith & Reynolds, P.C.
NUMBER OF CLAIMS: 7
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 48 Drawing Figure(s); 36 Drawing Page(s)
LINE COUNT: 5251

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Anti-TNF antibodies, fragments and regions thereof which are specific
for human tumor necrosis factor-.alpha. (TNF.alpha.) and are useful in
vivo for diagnosis and therapy of a number of TNF.alpha.-mediated
pathologies and conditions, including Crohn's disease, as well as
polynucleotides coding for murine and **chimeric** antibodies,
methods of producing the antibody, methods of use of the anti-TNF
antibody, or fragment, region or derivative thereof, in immunoassays and
immunotherapeutic approaches are provided.

L9 ANSWER 10 OF 12 USPATFULL

ACCESSION NUMBER: 95:54452 USPATFULL
TITLE: DNA encoding cytokine-induced protein, TSG-14
INVENTOR(S): Lee, Tae H., Cambridge, MA, United States
Lee, Gene W., New York, NY, United States
Vilcek, Jan, New York, NY, United States
PATENT ASSIGNEE(S): New York University, New York, NY, United States (U.S.
corporation)

	NUMBER	KIND	DATE	
PATENT INFORMATION:	US 5426181		19950620	<--
APPLICATION INFO.:	US 1992-929580		19920814	(7)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1991-640492, filed on 14 Jan 1991, now abandoned			
DOCUMENT TYPE:	Utility			
FILE SEGMENT:	Granted			
PRIMARY EXAMINER:	Draper, Garnette D.			
ASSISTANT EXAMINER:	Kemmerer, Elizabeth C.			
LEGAL REPRESENTATIVE:	Browdy and Neimark			
NUMBER OF CLAIMS:	8			
EXEMPLARY CLAIM:	1			
NUMBER OF DRAWINGS:	36 Drawing Figure(s); 19 Drawing Page(s)			
LINE COUNT:	3175			

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Pleiotropic pro-inflammatory cytokines, such as TNF and IL-1, induce
expression of a polypeptide molecule, termed TSG-14, in connective
tissue cells. The TSG-14 polypeptide and functional derivatives thereof,
DNA coding therefor, expression vehicles, such as a plasmids, and host
cells transformed or transfected with the DNA molecule, and methods for
producing the polypeptide and the DNA are provided. Antibodies specific
for the TSG-14 polypeptide are disclosed, as is a method for detecting
the presence of TSG-14 polypeptide in a biological sample, using the
antibody or another molecule capable of binding to TSG-14 such as
hyaluronic acid. A method for detecting the presence of nucleic acid
encoding a normal or mutant TSG-14 polypeptide, a method for measuring
induction of expression of TSG-14 in a cell using either nucleic acid
hybridization or immunoassay, a method for identifying a
compound capable of inducing the expression of TSG-14 in a cell, and a

method for measuring the ability of a cell to respond to TNF are also provided.

L9 ANSWER 11 OF 12 USPATFULL

ACCESSION NUMBER: 95:9803 USPATFULL
TITLE: Tumor necrosis factor-induced protein TSG-6
INVENTOR(S): Lee, Tae H., Piscataway, NJ, United States
Wisniewski, Hans-Georg, Spring Valley, NY, United States
Vilcek, Jan, New York, NY, United States
PATENT ASSIGNEE(S): New York University, New York, NY, United States (U.S. corporation)

	NUMBER	KIND	DATE	
PATENT INFORMATION:	US 5386013		19950131	<--
APPLICATION INFO.:	US 1993-24868		19930301	(8)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1991-642312, filed on 14 Jan 1991, now abandoned			
DOCUMENT TYPE:	Utility			
FILE SEGMENT:	Granted			
PRIMARY EXAMINER:	Draper, Garnette D.			
ASSISTANT EXAMINER:	Kemmerer, Elizabeth C.			
LEGAL REPRESENTATIVE:	Browdy and Neimark			
NUMBER OF CLAIMS:	2			
EXEMPLARY CLAIM:	1			
NUMBER OF DRAWINGS:	50 Drawing Figure(s); 20 Drawing Page(s)			
LINE COUNT:	2952			

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Pleiotropic pro-inflammatory cytokines, such as TNF and IL-1, induce expression of a protein molecule, termed TSG-6, in connective tissue cells. The TSG-6 protein and functional derivatives thereof, DNA coding therefor, expression vehicles, such as a plasmids, and host cells transformed or transfected with the DNA molecule, and methods for producing the protein and the DNA are provided. Antibodies specific for the TSG-6 protein are disclosed, as is a method for detecting the presence of TSG-6 protein in a biological sample, using the antibody or another molecule capable of binding to TSG-6 such as hyaluronic acid. A method for detecting the presence of nucleic acid encoding a normal or mutant TSG-6 protein, a method for measuring induction of expression of TSG-6 in a cell using either nucleic acid **hybridization** or immunoassay, a method for identifying a compound capable of inducing the expression of TSG-6 in a cell, and a method for measuring the ability of a cell to respond to TNF are also provided.

L9 ANSWER 12 OF 12 USPATFULL

ACCESSION NUMBER: 93:107128 USPATFULL
TITLE: Monoclonal antibodies to **C-reactive protein**
INVENTOR(S): Siegel, Joan N., Oak Park, IL, United States
Potempa, Lawrence A., Deerfield, IL, United States
Gewurz, Henry, Evanston, IL, United States
PATENT ASSIGNEE(S): Rush-Presbyterian-St. Luke's Medical Center, Chicago, IL, United States (U.S. corporation)

	NUMBER	KIND	DATE	
PATENT INFORMATION:	US 5272258		19931221	<--
APPLICATION INFO.:	US 1989-374166		19890629	(7)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1989-372442, filed on 7 Dec 1989, now abandoned			
DOCUMENT TYPE:	Utility			
FILE SEGMENT:	Granted			
PRIMARY EXAMINER:	Chan, Christina			
ASSISTANT EXAMINER:	Loring, Susan A.			
LEGAL REPRESENTATIVE:	William Brinks Olds Hofer Gilson & Lione			
NUMBER OF CLAIMS:	16			
EXEMPLARY CLAIM:	1			
NUMBER OF DRAWINGS:	9 Drawing Figure(s); 4 Drawing Page(s)			

LINE COUNT: 1207

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The invention comprises monoclonal antibodies reactive with native **C-reactive protein** (CRP) and modified CRP having the specificities described herein. The invention also comprises the **hybridomas** used to produce these antibodies. The antibodies may be used to detect or quantitate native CRP and modified CRP, and kits for performing such assays are part of the invention.

=> d

L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2003 ACS
RN 9001-40-5 REGISTRY
CN Dehydrogenase, glucose 6-phosphate (9CI) (CA INDEX NAME)
OTHER NAMES:
CN 6-Phosphoglucose dehydrogenase
CN D-Glucose 6-phosphate dehydrogenase
CN Dehydrogenase, glucose 6-phosphate (nicotinamide adenine dinucleotide (phosphate))
CN E.C. 1.1.1.49
CN G-6-PDH
CN Glucose 6-phosphate dehydrogenase
CN Glucose 6-phosphate dehydrogenase (NADP)
CN Glucose-6-phosphate 1-dehydrogenase
CN NADP-dependent glucose 6-phosphate dehydrogenase
CN NADP-glucose-6-phosphate dehydrogenase
CN Zwischenferment
DR 111174-44-8
MF Unspecified
CI COM, MAN
LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CABA, CAPLUS, CASREACT, CHEMCATS, CHEMINFORMRX, CHEMLIST, CIN, CSCHEM, EMBASE, IFICDB, IFIPAT, IFIUDB, MSDS-OHS, NIOSHTIC, PROMT, TOXCENTER, USPAT2, USPATFULL
Other Sources: EINECS**, TSCA**
(**Enter CHEMLIST File for up-to-date regulatory information)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
14312 REFERENCES IN FILE CA (1962 TO DATE)
152 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
14322 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L4 ANSWER 93 OF 93 REGISTRY COPYRIGHT 2003 ACS

RN 9007-41-4 REGISTRY *

* Use of this CAS Registry Number alone as a search term in other STN files may result in incomplete search results. For additional information, enter HELP RN* at an online arrow prompt (=>).

CN Proteins, specific or class, C-reactive (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Proteins, C-reactive

OTHER NAMES:

CN C-Reactive protein

CN C-reactive protein

CN C-reactive proteins

CN CRP

CN CRP proteins

DR 9009-76-1

MF Unspecified

CI MAN, CTS

LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, BIOSIS, BIOTECHNO, CA, CANCERLIT, CAPLUS, CHEMCATS, CIN, CSCHEM, DIOGENES, EMBASE, MEDLINE, MRCK*, TOXCENTER

(*File contains numerically searchable property data)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

1 REFERENCES IN FILE CA (1962 TO DATE)

1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

WEST Search History

DATE: Saturday, January 25, 2003

<u>Set Name</u> side by side	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u> result set
<i>DB=USPT,PGPB; PLUR=YES; OP=ADJ</i>			
L11	L10 and l5	2	L11
L10	L9 and @ad<20000612	53	L10
L9	L8 and (hybrid\$7 Or attach\$7 Or conjugat\$7 Or covalen\$7 Or fus\$7 Or chimers\$7)	73	L9
L8	l7 and l6	80	L8
L7	c reactive protein	821	L7
L6	glucose 6 phosphate dehydrogenase or phosphoglucose dehydrogenase or nadp glucose 6 phosphate dehydrogenase	2956	L6
L5	L4 or l3 or l2 or l1	11455	L5
L4	((((530/350)!.CCLS.))	8545	L4
L3	((((435/190)!.CCLS.))	563	L3
L2	((((435/189)!.CCLS.))	921	L2
L1	((435/183)!.CCLS.)	2091	L1

END OF SEARCH HISTORY

WEST[Generate Collection](#)[Print](#)**Search Results - Record(s) 1 through 2 of 2 returned.**☐ 1. Document ID: US 6420335 B1

L11: Entry 1 of 2

File: USPT

Jul 16, 2002

US-PAT-NO: 6420335

DOCUMENT-IDENTIFIER: US 6420335 B1

TITLE: Combination of radiotherapy and anti-angiogenic factors

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc
Image												

☐ 2. Document ID: US 5386013 A

L11: Entry 2 of 2

File: USPT

Jan 31, 1995

US-PAT-NO: 5386013

DOCUMENT-IDENTIFIER: US 5386013 A

TITLE: Tumor necrosis factor-induced protein TSG-6

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc
Image												

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Terms	Documents
L10 and 15	2

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WEST[Generate Collection](#)[Print](#)**Search Results - Record(s) 1 through 30 of 53 returned.**☐ 1. Document ID: US 20010029048 A1

L10: Entry 1 of 53

File: PGPB

Oct 11, 2001

PGPUB-DOCUMENT-NUMBER: 20010029048

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20010029048 A1

TITLE: SIMULTANEOUS MULTIANALYTE ELECTROCHEMICAL ASSAY BASED ON SPATIAL RESOLUTION

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Image									

[KMC](#) [Draw Desc](#)☐ 2. Document ID: US 6444660 B1

L10: Entry 2 of 53

File: USPT

Sep 3, 2002

US-PAT-NO: 6444660

DOCUMENT-IDENTIFIER: US 6444660 B1

TITLE: Lipid soluble steroid prodrugs

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Image									

[KMC](#) [Draw Desc](#)☐ 3. Document ID: US 6423491 B1

L10: Entry 3 of 53

File: USPT

Jul 23, 2002

US-PAT-NO: 6423491

DOCUMENT-IDENTIFIER: US 6423491 B1

TITLE: Method of diagnosing juvenile polyposis (JP)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Image									

[KMC](#) [Draw Desc](#)☐ 4. Document ID: US 6420335 B1

L10: Entry 4 of 53

File: USPT

Jul 16, 2002

US-PAT-NO: 6420335

DOCUMENT-IDENTIFIER: US 6420335 B1

TITLE: Combination of radiotherapy and anti-angiogenic factors

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Image									

KWIC	Draw Desc
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☐ 5. Document ID: US 6368875 B1

L10: Entry 5 of 53

File: USPT

Apr 9, 2002

US-PAT-NO: 6368875

DOCUMENT-IDENTIFIER: US 6368875 B1

TITLE: Internally referenced competitive assays

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Image									

KWIC	Draw Desc
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☐ 6. Document ID: US 6335170 B1

L10: Entry 6 of 53

File: USPT

Jan 1, 2002

US-PAT-NO: 6335170

DOCUMENT-IDENTIFIER: US 6335170 B1

TITLE: Gene expression in bladder tumors

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Image									

KWIC	Draw Desc
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☐ 7. Document ID: US 6323218 B1

L10: Entry 7 of 53

File: USPT

Nov 27, 2001

US-PAT-NO: 6323218

DOCUMENT-IDENTIFIER: US 6323218 B1

TITLE: Agents for use in the treatment of Alzheimer's disease

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Image									

KWIC	Draw Desc
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☐ 8. Document ID: US 6303325 B1

L10: Entry 8 of 53

File: USPT

Oct 16, 2001

US-PAT-NO: 6303325

DOCUMENT-IDENTIFIER: US 6303325 B1

TITLE: Method for detecting analytes

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Image									

KWIC	Draw Desc
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☐ 9. Document ID: US 6287875 B1

L10: Entry 9 of 53

File: USPT

Sep 11, 2001

US-PAT-NO: 6287875

DOCUMENT-IDENTIFIER: US 6287875 B1

TITLE: Internally referenced competitive assays

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Image									

KWIC	Draw Desc
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☐ 10. Document ID: US 6284471 B1

L10: Entry 10 of 53

File: USPT

Sep 4, 2001

US-PAT-NO: 6284471

DOCUMENT-IDENTIFIER: US 6284471 B1

TITLE: Anti-TNF α antibodies and assays employing anti-TNF α antibodies

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Image									

KWIC	Draw Desc
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☐ 11. Document ID: US 6277969 B1

L10: Entry 11 of 53

File: USPT

Aug 21, 2001

US-PAT-NO: 6277969

DOCUMENT-IDENTIFIER: US 6277969 B1

TITLE: Anti-TNF antibodies and peptides of human tumor necrosis factor

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Image									

KWIC	Draw Desc
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☐ 12. Document ID: US 6235487 B1

L10: Entry 12 of 53

File: USPT

May 22, 2001

US-PAT-NO: 6235487

DOCUMENT-IDENTIFIER: US 6235487 B1

TITLE: Method of diagnosing Crohn's disease

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Image									

KWIC	Draw Desc
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☐ 13. Document ID: US 6218134 B1

L10: Entry 13 of 53

File: USPT

Apr 17, 2001

US-PAT-NO: 6218134

DOCUMENT-IDENTIFIER: US 6218134 B1

TITLE: Process for specific binding assay for measuring the amount of analyte in a liquid test sample

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Image									

KWIC	Draw Desc
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☐ 14. Document ID: US 6210905 B1

L10: Entry 14 of 53

File: USPT

Apr 3, 2001

US-PAT-NO: 6210905

DOCUMENT-IDENTIFIER: US 6210905 B1

TITLE: Tumor necrosis factor stimulated gene 6 (TSG-6) binding molecules

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Image									

KWIC	Draw Desc
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☐ 15. Document ID: US 6123923 A

L10: Entry 15 of 53

File: USPT

Sep 26, 2000

US-PAT-NO: 6123923

DOCUMENT-IDENTIFIER: US 6123923 A

TITLE: Optoacoustic contrast agents and methods for their use

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Image									

KWIC	Draw Desc
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☐ 16. Document ID: US 6103536 A

L10: Entry 16 of 53

File: USPT

Aug 15, 2000

US-PAT-NO: 6103536

DOCUMENT-IDENTIFIER: US 6103536 A

TITLE: Internally referenced competitive assays

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Image									

KWIC	Draw Desc
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☐ 17. Document ID: US 6090800 A

L10: Entry 17 of 53

File: USPT

Jul 18, 2000

US-PAT-NO: 6090800

DOCUMENT-IDENTIFIER: US 6090800 A

TITLE: Lipid soluble steroid prodrugs

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Image									

KWIC	Draw Desc
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☐ 18. Document ID: US 6028066 A

L10: Entry 18 of 53

File: USPT

Feb 22, 2000

US-PAT-NO: 6028066

DOCUMENT-IDENTIFIER: US 6028066 A

TITLE: Prodrugs comprising fluorinated amphiphiles

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Image									

KWIC	Draw Desc
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☐ 19. Document ID: US 6017734 A

L10: Entry 19 of 53

File: USPT

Jan 25, 2000

US-PAT-NO: 6017734

DOCUMENT-IDENTIFIER: US 6017734 A

TITLE: Unique nucleotide and amino acid sequence and uses thereof

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Image									

KWIC	Draw Desc
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☐ 20. Document ID: US 6015679 A

L10: Entry 20 of 53

File: USPT

Jan 18, 2000

US-PAT-NO: 6015679

DOCUMENT-IDENTIFIER: US 6015679 A

TITLE: Process for measuring complement activity and reagent used therefor

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Image									

KWIC	Draw Desc
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☐ 21. Document ID: US 5981203 A

L10: Entry 21 of 53

File: USPT

Nov 9, 1999

US-PAT-NO: 5981203

DOCUMENT-IDENTIFIER: US 5981203 A

TITLE: Unitary sandwich enzyme immunoassay cassette, device and method of use

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Image									

KIMC	Draw Desc
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☐ 22. Document ID: US 5919642 A

L10: Entry 22 of 53

File: USPT

Jul 6, 1999

US-PAT-NO: 5919642

DOCUMENT-IDENTIFIER: US 5919642 A

TITLE: Competitive binding assays having improved linearity

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Image									

KIMC	Draw Desc
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☐ 23. Document ID: US 5919452 A

L10: Entry 23 of 53

File: USPT

Jul 6, 1999

US-PAT-NO: 5919452

DOCUMENT-IDENTIFIER: US 5919452 A

TITLE: Methods of treating TNF.alpha.-mediated disease using chimeric anti-TNF antibodies

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Image									

KIMC	Draw Desc
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☐ 24. Document ID: US 5916757 A

L10: Entry 24 of 53

File: USPT

Jun 29, 1999

US-PAT-NO: 5916757

DOCUMENT-IDENTIFIER: US 5916757 A

TITLE: Specific binding assay using enzyme inhibitor and anti-inhibitor antibodies

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Image									

KIMC	Draw Desc
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☐ 25. Document ID: US 5854082 A

L10: Entry 25 of 53

File: USPT

Dec 29, 1998

US-PAT-NO: 5854082

DOCUMENT-IDENTIFIER: US 5854082 A

TITLE: Process for measuring complement activity and reagent used therefor

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KIMC	Draw Desc
Image											

☐ 26. Document ID: US 5846763 A

L10: Entry 26 of 53

File: USPT

Dec 8, 1998

US-PAT-NO: 5846763

DOCUMENT-IDENTIFIER: US 5846763 A

TITLE: DNA encoding tumor necrosis factor stimulated gene 6 (TSG-6)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KIMC	Draw Desc
Image											

☐ 27. Document ID: US 5830680 A

L10: Entry 27 of 53

File: USPT

Nov 3, 1998

US-PAT-NO: 5830680

DOCUMENT-IDENTIFIER: US 5830680 A

TITLE: Unitary sandwich enzyme immunoassay cassette device and method of use

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KIMC	Draw Desc
Image											

☐ 28. Document ID: US 5780239 A

L10: Entry 28 of 53

File: USPT

Jul 14, 1998

US-PAT-NO: 5780239

DOCUMENT-IDENTIFIER: US 5780239 A

TITLE: Method for the determination of cast in urine

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KIMC	Draw Desc
Image											

☐ 29. Document ID: US 5656272 A

L10: Entry 29 of 53

File: USPT

Aug 12, 1997

US-PAT-NO: 5656272

DOCUMENT-IDENTIFIER: US 5656272 A

TITLE: Methods of treating TNF-.alpha.-mediated Crohn's disease using chimeric anti-TNF antibodies

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Image									

KWIC	Draw Desc
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☐ 30. Document ID: US 5654156 A

L10: Entry 30 of 53

File: USPT

Aug 5, 1997

US-PAT-NO: 5654156

DOCUMENT-IDENTIFIER: US 5654156 A

TITLE: Immunoassay using liposomes

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Image									

KWIC	Draw Desc
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WEST[Generate Collection](#)[Print](#)**Search Results - Record(s) 31 through 53 of 53 returned.**☐ 31. Document ID: US 5580794 A

L10: Entry 31 of 53

File: USPT

Dec 3, 1996

US-PAT-NO: 5580794

DOCUMENT-IDENTIFIER: US 5580794 A

TITLE: Disposable electronic assay device

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMC	Draw Desc
Image											

☐ 32. Document ID: US 5565326 A

L10: Entry 32 of 53

File: USPT

Oct 15, 1996

US-PAT-NO: 5565326

DOCUMENT-IDENTIFIER: US 5565326 A

TITLE: Separation-free specific binding assays using anti-inhibitor antibodies

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMC	Draw Desc
Image											

☐ 33. Document ID: US 5516644 A

L10: Entry 33 of 53

File: USPT

May 14, 1996

US-PAT-NO: 5516644

DOCUMENT-IDENTIFIER: US 5516644 A

TITLE: Electrochemical immunochromatographic assay

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMC	Draw Desc
Image											

☐ 34. Document ID: US 5426181 A

L10: Entry 34 of 53

File: USPT

Jun 20, 1995

US-PAT-NO: 5426181

DOCUMENT-IDENTIFIER: US 5426181 A

TITLE: DNA encoding cytokine-induced protein, TSG-14

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Image									

KWIC	Draw Desc
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☐ 35. Document ID: US 5387503 A

L10: Entry 35 of 53

File: USPT

Feb 7, 1995

US-PAT-NO: 5387503

DOCUMENT-IDENTIFIER: US 5387503 A

TITLE: Assay method using internal calibration to measure the amount of analyte in a sample

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Image									

KWIC	Draw Desc
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☐ 36. Document ID: US 5386013 A

L10: Entry 36 of 53

File: USPT

Jan 31, 1995

US-PAT-NO: 5386013

DOCUMENT-IDENTIFIER: US 5386013 A

TITLE: Tumor necrosis factor-induced protein TSG-6

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Image									

KWIC	Draw Desc
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☐ 37. Document ID: US 5272258 A

L10: Entry 37 of 53

File: USPT

Dec 21, 1993

US-PAT-NO: 5272258

DOCUMENT-IDENTIFIER: US 5272258 A

TITLE: Monoclonal antibodies to C-reactive protein

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Image									

KWIC	Draw Desc
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☐ 38. Document ID: US 5173406 A

L10: Entry 38 of 53

File: USPT

Dec 22, 1992

US-PAT-NO: 5173406

DOCUMENT-IDENTIFIER: US 5173406 A

TITLE: Liposome immunoassay method and kit therefor

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Image									

KMIC	Draw Desc
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☐ 39. Document ID: US 5057275 A

L10: Entry 39 of 53

File: USPT

Oct 15, 1991

US-PAT-NO: 5057275

DOCUMENT-IDENTIFIER: US 5057275 A

TITLE: Analytic reader device

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Image									

KMIC	Draw Desc
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☐ 40. Document ID: US 4966856 A

L10: Entry 40 of 53

File: USPT

Oct 30, 1990

US-PAT-NO: 4966856

DOCUMENT-IDENTIFIER: US 4966856 A

TITLE: Analytical element and the analytical method using the element

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Image									

KMIC	Draw Desc
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☐ 41. Document ID: US 4933275 A

L10: Entry 41 of 53

File: USPT

Jun 12, 1990

US-PAT-NO: 4933275

DOCUMENT-IDENTIFIER: US 4933275 A

TITLE: Method for the detection of a polypeptide subunit in the presence of a quaternary protein containing the subunit

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Image									

KMIC	Draw Desc
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☐ 42. Document ID: US 4870005 A

L10: Entry 42 of 53

File: USPT

Sep 26, 1989

US-PAT-NO: 4870005

DOCUMENT-IDENTIFIER: US 4870005 A

TITLE: Multilayer analysis element

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Image									

KMIC	Draw Desc
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☐ 43. Document ID: US 4868106 A

L10: Entry 43 of 53

File: USPT

Sep 19, 1989

US-PAT-NO: 4868106

DOCUMENT-IDENTIFIER: US 4868106 A

TITLE: Analytical element and method for determining a component in a test sample

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Image									

KWIC	Draw Desc
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☐ 44. Document ID: US 4501692 A

L10: Entry 44 of 53

File: USPT

Feb 26, 1985

US-PAT-NO: 4501692

DOCUMENT-IDENTIFIER: US 4501692 A

TITLE: Charge effects in enzyme immunoassays

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Image									

KWIC	Draw Desc
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☐ 45. Document ID: US 4391904 A

L10: Entry 45 of 53

File: USPT

Jul 5, 1983

US-PAT-NO: 4391904

DOCUMENT-IDENTIFIER: US 4391904 A

TITLE: Test strip kits in immunoassays and compositions therein

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Image									

KWIC	Draw Desc
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☐ 46. Document ID: US 4374925 A

L10: Entry 46 of 53

File: USPT

Feb 22, 1983

US-PAT-NO: 4374925

DOCUMENT-IDENTIFIER: US 4374925 A

TITLE: Macromolecular environment control in specific receptor assays

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Image									

KWIC	Draw Desc
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☐ 47. Document ID: US 4366241 A

L10: Entry 47 of 53

File: USPT

Dec 28, 1982

US-PAT-NO: 4366241

DOCUMENT-IDENTIFIER: US 4366241 A

TITLE: Concentrating zone method in heterogeneous immunoassays

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Image									

KMCM	Draw Desc
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☐ 48. Document ID: US 4299916 A

L10: Entry 48 of 53

File: USPT

Nov 10, 1981

US-PAT-NO: 4299916

DOCUMENT-IDENTIFIER: US 4299916 A

TITLE: Preferential signal production on a surface in immunoassays

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Image									

KMCM	Draw Desc
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☐ 49. Document ID: US 4287300 A

L10: Entry 49 of 53

File: USPT

Sep 1, 1981

US-PAT-NO: 4287300

DOCUMENT-IDENTIFIER: US 4287300 A

TITLE: Charge effects in enzyme immunoassays

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Image									

KMCM	Draw Desc
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☐ 50. Document ID: US 4281061 A

L10: Entry 50 of 53

File: USPT

Jul 28, 1981

US-PAT-NO: 4281061

DOCUMENT-IDENTIFIER: US 4281061 A

TITLE: Double antibody for enhanced sensitivity in immunoassay

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Image									

KMCM	Draw Desc
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☐ 51. Document ID: US 4275149 A

L10: Entry 51 of 53

File: USPT

Jun 23, 1981

US-PAT-NO: 4275149

DOCUMENT-IDENTIFIER: US 4275149 A

TITLE: Macromolecular environment control in specific receptor assays

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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☐ 52. Document ID: US 4233402 A

L10: Entry 52 of 53

File: USPT

Nov 11, 1980

US-PAT-NO: 4233402

DOCUMENT-IDENTIFIER: US 4233402 A

TITLE: Reagents and method employing channeling

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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☐ 53. Document ID: US 4193983 A

L10: Entry 53 of 53

File: USPT

Mar 18, 1980

US-PAT-NO: 4193983

DOCUMENT-IDENTIFIER: US 4193983 A

TITLE: Labeled liposome particle compositions and immunoassays therewith

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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